

Name _____ Class _____ Date _____

Draw a ring around a number of stars for each statement. If you are very confident about a statement, draw your ring around all the stars. If you do not know anything about a statement do not draw a ring.

Topic	At the end of the unit:	
7Fa		
	Name something that is an acid.	* * * * *
	Name something that is an alkali.	* * * * *
	Recall why some chemicals have hazard symbols.	* * * * *
	Recognise the common hazards and hazard symbols.	* * * * *
	Explain why hazard symbols are necessary.	* * * * *
7Fa Working Scientifically		
	Recall the names of at least two everyday acids and alkalis.	* * * * *
	Describe how risks from some hazards can be reduced.	* * * * *
	Plan a safe investigation.	* * * * *
	Explain the safety precautions that need to be taken when carrying out an investigation.	* * * * *
7Fb		
	Describe how indicators can be used to identify acids and alkalis.	* * * * *
	Identify acids, alkalis and neutral solutions using litmus.	* * * * *
	Explain why litmus is purple in neutral solutions.	* * * * *
7Fc		
	Identify acids, alkalis and neutral solutions using universal indicator.	* * * * *
	Describe the pH scale.	* * * * *
	Describe how to measure the pH of a solution.	* * * * *
7Fd		
	Recall the name of the reaction that occurs between acids and alkalis.	* * * * *
	Explain the difference between a physical and a chemical change.	* * * * *
	Identify the reactants and products in a word equation.	* * * * *
	Write a word equation for a reaction.	* * * * *
	Recall the names of the salts produced by hydrochloric, sulfuric and nitric acids.	* * * * *
	Describe how to produce a pure solution of a salt from an acid and a base or an alkali.	* * * * *
7Fe		
	Recall some uses of neutralisation.	* * * * *
	Recall the meaning of the term base.	* * * * *
	Explain some uses of neutralisation.	* * * * *